

FIG. 1

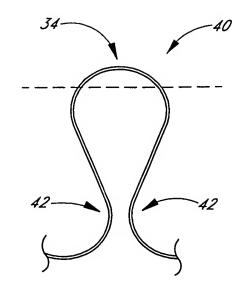


FIG. 2A

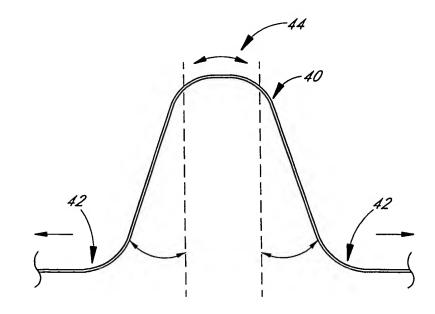


FIG. 2B

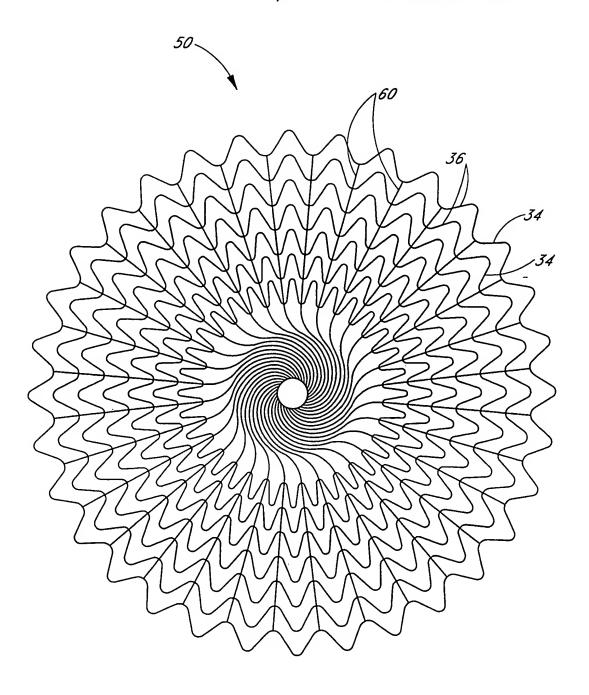
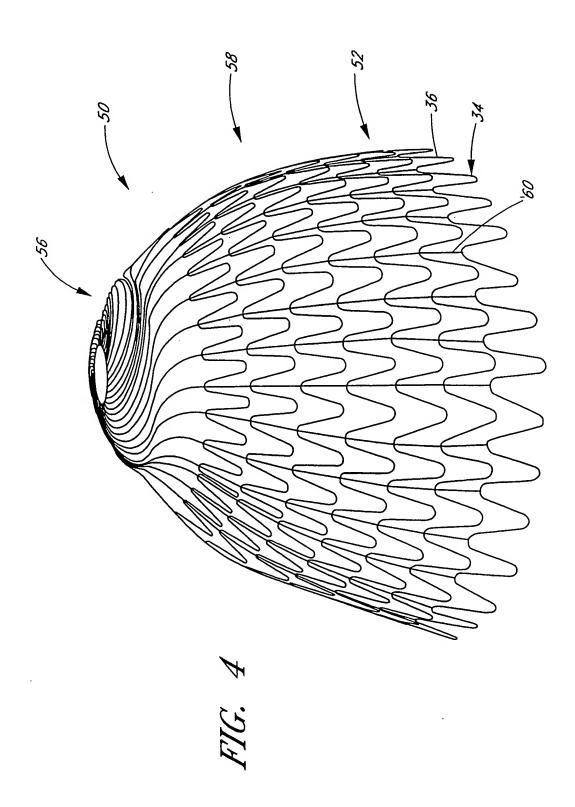


FIG. 3



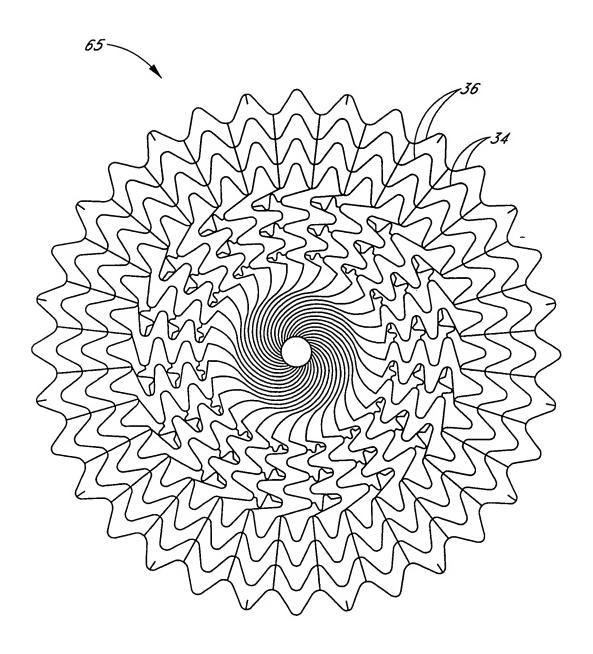
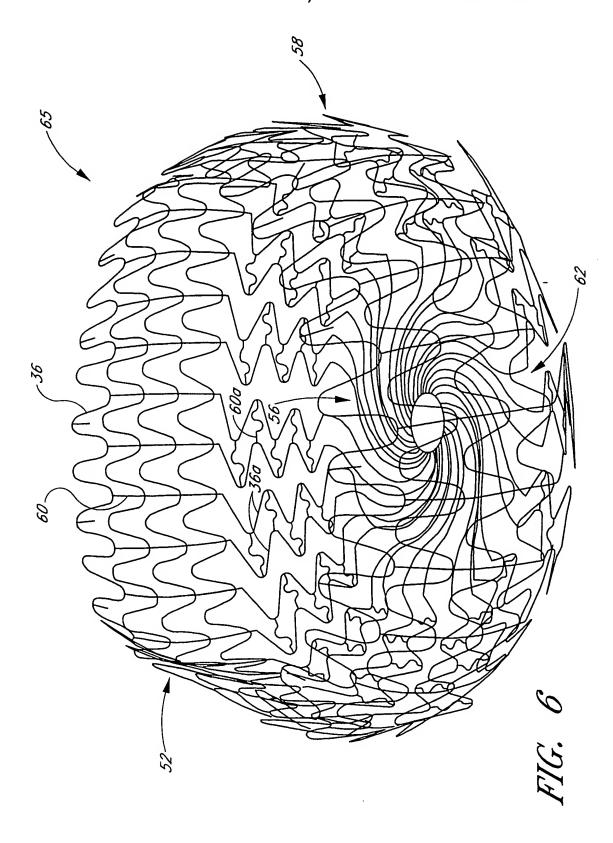
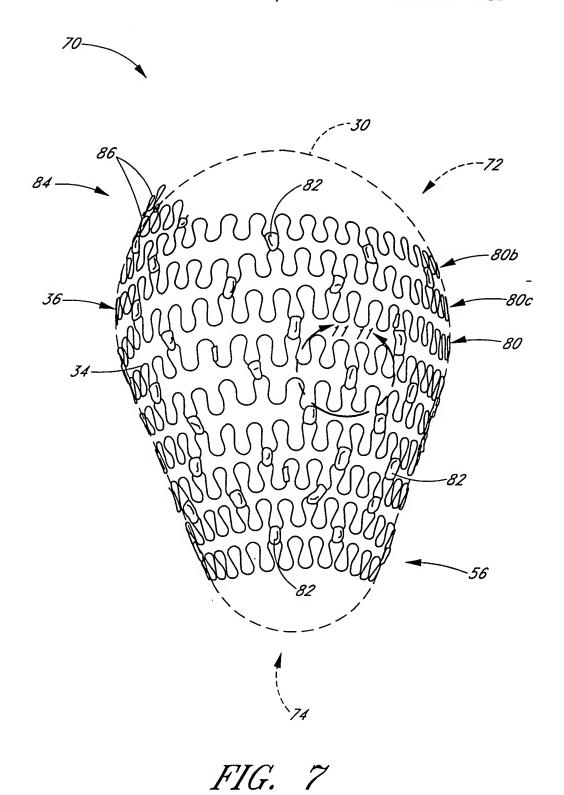


FIG. 5





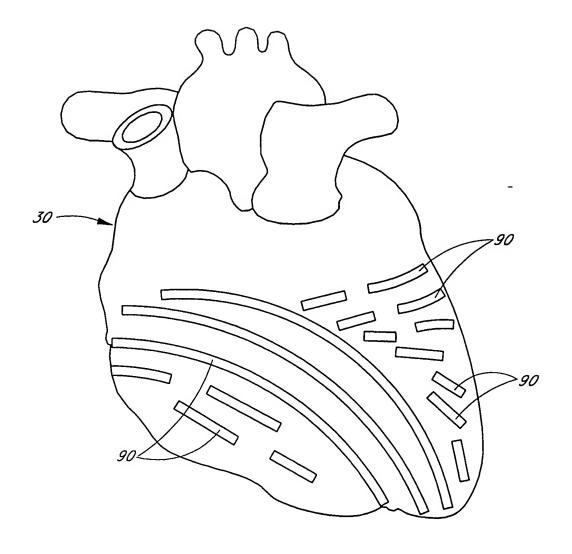


FIG. 8

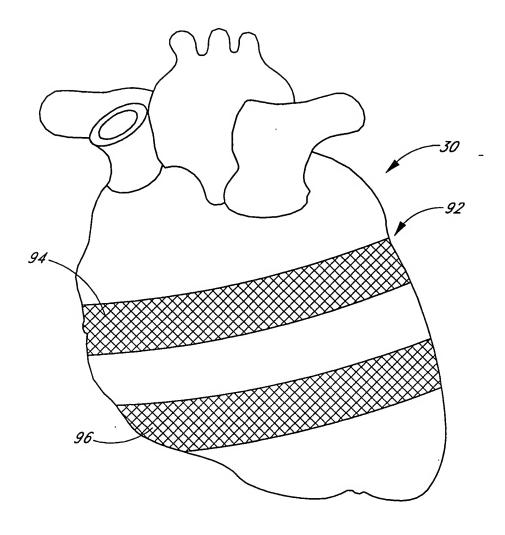
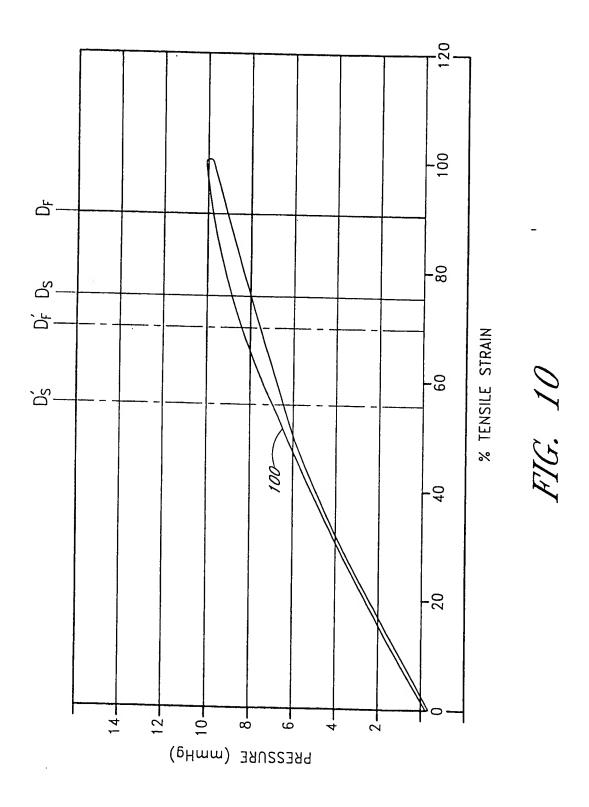
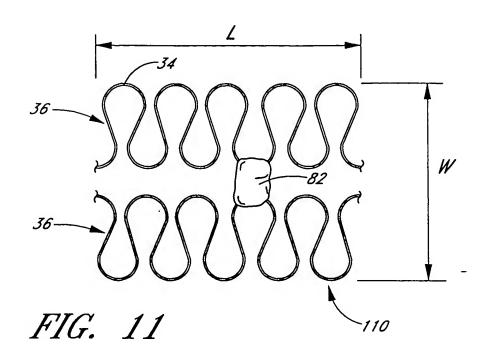
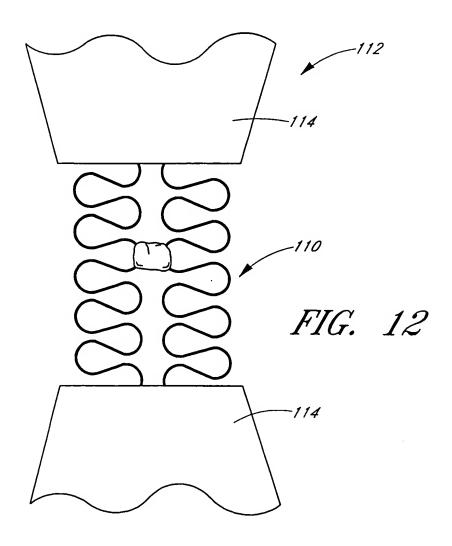
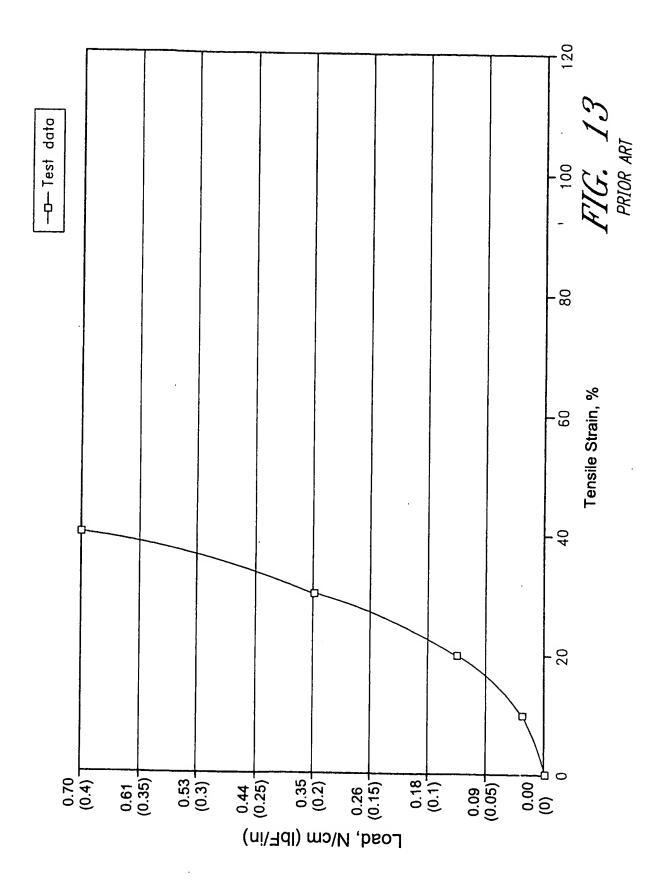


FIG. 9









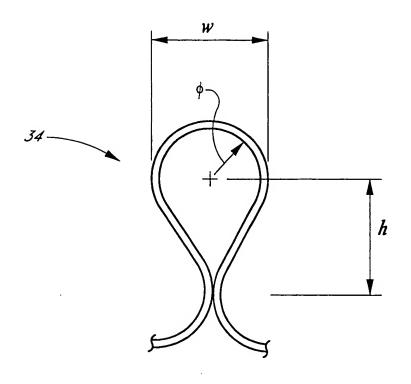
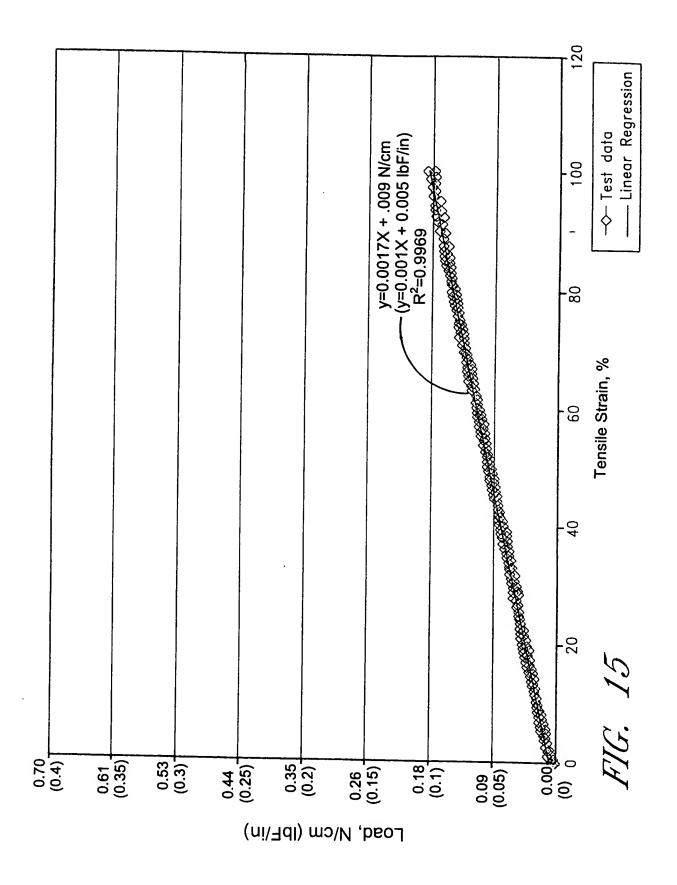
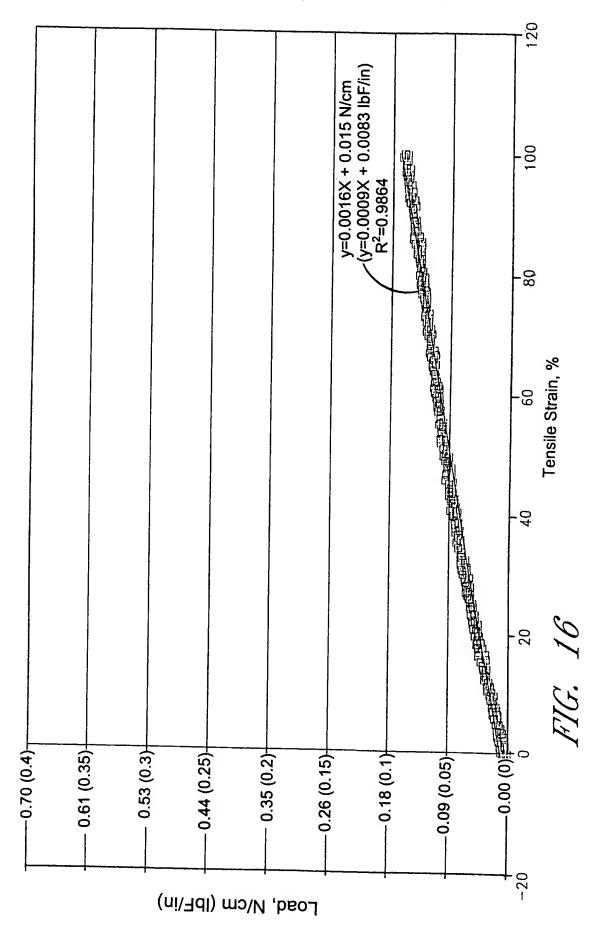
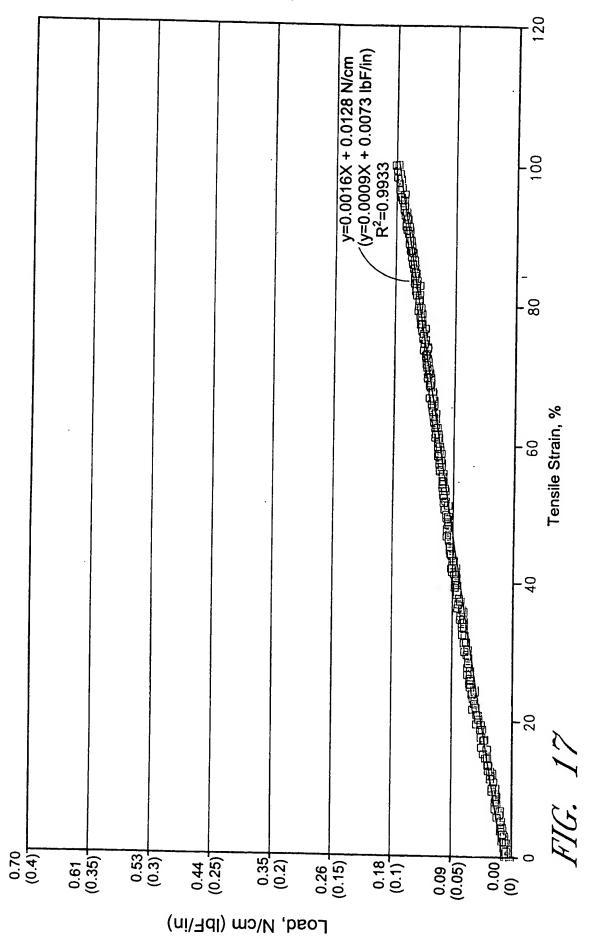


FIG. 14







y=0.0058X + 0.0417 N/cm

Load, M/cm (lbF/in)

0.35

0.26 (0.15)

0.18

0.09 (0.05)

0.53

0.44 (0.25)

0.70

(0.4)

0.61 (0.35)

0.00